



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,013	04/15/2004	Laurence B. Saidman	NOR / 1138	7475

37172 7590 01/11/2007  
WOOD, HERRON & EVANS, LLP (NORDSON)  
2700 CAREW TOWER  
441 VINE STREET  
CINCINNATI, OH 45202

EXAMINER
----------

TYLER, STEPHANIE E

ART UNIT	PAPER NUMBER
----------	--------------

3754

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

01/11/2007

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

krooney@whepatent.com  
mhines@whepatent.com  
usptodock@whepatent.com

**Supplemental  
Notice of Allowability**

Application No.

10/825,013

Examiner

Stephanie E. Tyler

Applicant(s)

SAIDMAN, LAURENCE B.

Art Unit

3754

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/5/2006.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 7/19/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other see attachment.

Detailed Action

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Allen on Monday, August 14, 2006.

The application has been amended as follows:

**CLAIMS**

1. (Amended) An electrically-operated dispenser for dispensing an adhesive, the electrically-operated dispenser comprising:

a module body having an adhesive inlet.

a nozzle coupled with the module body, said nozzle having an adhesive outlet and a valve seat between said adhesive inlet and said adhesive outlet;

an electromagnetic coil including a plurality of windings; and

an armature disposed in said module body, and said armature including a valve element having an opened position allowing adhesive flow through an annular gap between said valve element and said valve seat to from said adhesive

Art Unit: 3754

outlet and a closed position in which said valve element contacts said valve seat for preventing adhesive flow from to said adhesive outlet;

~~an electromagnetic coil including a plurality of windings; and~~

a generally U-shaped pole disposed in said module body, said pole having a fixed position relative to said module body, said pole having a first arm and a second arm extending with a generally parallel and spaced-apart relationship toward said armature, said plurality of windings being wrapped about substantially an entire length of said first arm and said second arm, and said plurality of windings of said electromagnetic coil being selectively energized for generating an electromagnetic field capable of moving said armature relative to said pole to move said valve element from said closed position to said opened position.

Claim 3 has been re-entered:

3. (Previous Presented) The electrically-operated dispenser of claim 2 wherein said first arm and said second arm define a cavity, said return spring being located in said cavity.

The following is an examiner's statement of reasons for allowance:

With respect to claim 1:

The limitations found in claim 1 of an electrically-operated dispenser for dispensing an adhesive having an electromagnetic coil that includes a plurality of windings, wherein the plurality of windings includes a third set of windings, are wrapped about substantially the entire length of the first and second arms of the generally

Art Unit: 3754

shaped U-pole in combination with other claimed limitations and novelty structure that were not found or taught by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephanie E. Tyler whose telephone number is 571-272-8059. The examiner can normally be reached on 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Shaver can be reached on 571-272-4720. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3754

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


SET

Art Unit: 3754

Comments

The NOA is incorrect. It should read claims allowed 1-13, because claim 3 was re-entered and claim 21 is just a duplicate of claim 3 and is now cancelled. Note that the NOA has been corrected.

SET

  
KEVIN SHAVER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700